AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application.

- 1.-6. (Canceled)
- 7. (Currently Amended) A drill guide <u>assembly</u> comprising:

a guide barrel for receiving a bone tool for creating a hole in bone; and

an alignment assembly associated with the guide barrel for aligning the bone tool with a selected first or second fastener hole of a bone plate, the alignment assembly comprising a location post configured to be at least partially received within a recess in the bone plate and a guide barrel housing within which the location post is slidably mounted, the guide barrel housing being in facing engagement with the guide barrel along its entire length, the recess being separate and distinct from the first and second fastener holes of the bone plate;

wherein the guide barrel is not pivotable relative to the alignment assembly; and wherein the location post is pivotable about the bone plate recess to allow the guide barrel to be selectively aligned with the first and second fastener holes; and

wherein the alignment assembly further comprising a housing having a first axial bore configured to slidably receive at least a portion of the location post; and

wherein the location post and housing further each comprising a distal end, the location post having a retracted position in which the location post distal end is located a first distance from the distal end of the housing, and an extended position in which the location post distal end is located a second distance from the distal end of the housing, wherein the second length is greater than the first length, the location post includes a plurality of slots extending from a distal

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end thereof, the plurality of slots defining a plurality of resilient fingers so that insertion of the

resilient fingers in the recess of the bone plate compresses the resilient fingers within the recess

thereby axially locking the drill guide to the bone plate; and

wherein the alignment assembly further comprising a spring element disposed at least

partially within a second axial bore in the housing to bias the location post to the extended

position.

8. (Currently Amended) The drill guide <u>assembly</u> of claim 7, the guide barrel

further comprising a bore with a bore axis, and a distal plate-engaging end, wherein the distal

plate-engaging end comprises a nose portion configured to be received within the first or second

fastener hole to align the bore with the bone screw hole.

9. (Currently Amended) The drill guide <u>assembly</u> of claim 8, wherein the nose

portion comprises a conical shape.

10. (Currently Amended) The drill guide assembly of claim 8, the housing first axial

bore and the guide barrel bore forming an acute angle therebetween.

11. (Currently Amended) The drill guide assembly of claim 7, wherein when the

location post is received within the bone plate recess and the location post is in the extended

position, the guide barrel distal end is located a first distance from the top surface of the bone

plate.

12. (Currently Amended) The drill guide <u>assembly</u> of claim 7, wherein when the

location post is received within the bone plate recess and the location post is in the retracted

position, the guide barrel distal end contacts the selected bone screw hole.

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13.-18. (Canceled)

19. (Currently Amended) A surgical drill guide configured to engage an inner

surface of a first or second fastener hole and a recess of a bone plate, the drill guide comprising:

a handle,

a guide barrel having a length, and a proximal end associated with the handle and a distal

end engageable with the configured to engage an inner surface of a fastener hole of a bone plate,

the guide barrel further comprising a bore configured to receive a bone cavity forming tool; and

an alignment assembly associated with the guide barrel for aligning the bone tool with

the a selected first or second fastener hole, the alignment assembly comprising a housing and a

location post configured to be at least partially received within the a-recess in the bone plate, and

having a length;

wherein the guide barrel has a substantially longer different length than the alignment

assembly; wherein the housing and the housing is integrally formed at the distal end of the guide

barrel the guide barrel are monolithic; and

wherein the location post is pivotable within the recess to allow the guide barrel to be

selectively aligned with the first and second fastener holes so that the tool may be extended

through the guide barrel to form a cavity in a bone underlying the selected fastener hole; and

wherein the handle is detachably coupled to the proximal end of the guide barrel via a

handle extension and a swivel assembly so that the handle can be rotatably positioned with

respect to the guide barrel.

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- 20. (Previously Presented) The drill guide of claim 19, wherein the location post is configured to axially lock the drill guide to the bone plate.
- 21. (Previously Presented) The drill guide of claim 20, wherein the location post further comprises a plurality of resilient finger elements configured to frictionally engage the bone plate recess to thereby axially lock the drill guide to the bone plate.
- 22. (Previously Presented) The drill guide of claim 21, wherein the resilient finger elements further comprise at least one ridge configured to engage threads in the bone plate recess.
- 23. (Previously Presented) The drill guide of claim 19, wherein the housing has a first axial bore configured to slidably receive at least a portion of the location post.
- 24. (Currently Amended) The drill guide of claim 23, wherein the location post has having a retracted position in which a first length of the location post is received within the bore and an extended position in which a second length of the location post is received within the bore, wherein the first length is greater than the second length.
- 25. (Currently Amended) The drill guide of claim 24, wherein the alignment assembly further comprises comprising a spring element disposed at least partially within a second axial bore in the housing to bias the location post to the extended position.
- 26. (Currently Amended) The drill guide of claim 25, wherein the guide barrel further comprises comprising a bore with a bore axis, and a distal plate-engaging end, wherein the distal plate-engaging end comprises a nose portion configured to be received within the first or second fastener hole to align the bore with the bone screw hole.

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- 27. (Previously Presented) The drill guide of claim 26, wherein the nose portion comprises a conical shape.
- 28. (Currently Amended) The drill guide of claim 26, wherein the housing-first axial bore and the guide barrel bore forms forming an acute angle therebetween.
- 29. (Previously Presented) The drill guide of claim 25, wherein when the location post is received within the bone plate recess and the location post is in the extended position, the guide barrel distal end is located a first distance from the top surface of the bone plate.
- 30. (Previously Presented) The drill guide of claim 25, wherein when the location post is received within the bone plate recess and the location post is in the retracted position, the guide barrel distal end contacts second bone screw hole.
 - 31. (Canceled)
 - 32. (Canceled)
- 33. (Currently Amended) The drill guide of claim 31, wherein the further comprising a handle-swivel assembly has having a locked position in which the handle can not be rotated with respect to the guide barrel, and an unlocked position in which the handle is freely rotatable with respect to the guide barrel.
- 34. (Previously Presented) The drill guide of claim 33, wherein the swivel assembly comprises at least one non-metallic bearing.
- 35. (Previously Presented) The drill guide of claim 33, wherein the swivel assembly comprises a drain hole configured to allow fluid to drain from the assembly subsequent to sterilization of the drill guide.

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36. (Previously Presented) The drill guide of claim 19, wherein the location post is

axially fixed to the alignment assembly.

37. (Currently Amended) A drill guide assembly comprising:

a guide barrel having a tool receiving portion comprising a longitudinal bore having a

bore axis, and an alignment assembly portion;

an alignment assembly comprising a guide barrel engaging portion, a housing and a

location post having a post axis, wherein the housing and the guide barrel are monolithic,

a bone plate having at least two bone screw holes and a positioning recess, the

positioning recess being separate and distinct from the bone screw holes, the positioning recess

being sized and configured not to receive a bone screw, the positioning recess configured to

receive at least a portion of the location post, the center of the positioning recess being separated

from the center of at least one of the bone screw holes by a first distance,

wherein the bore axis is located a second distance from the location post axis, the first

and second distances being substantially equal so that when the location post engages the bone

plate recess, the bore is substantially coaxial with the at least one fixation hole; and

wherein the guide barrel further includes a distal plate-engaging end comprising a nose

portion configured to be received within one of the bone screw holes to align the longitudinal

bore with the bone screw hole prior to drilling a hole.

38. (Previously Presented) The surgical drill guide assembly of claim 37, further

comprising a handle member associated with a proximal end of the guide barrel.

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39. (Previously Presented) The surgical drill guide assembly of claim 38, wherein

the handle member is pivotable in relation to the guide barrel.

40. (Previously Presented) The surgical drill guide assembly of claim 37, wherein

the guide barrel has at least one depth stop surface configured to coact with a corresponding

stop surface of a bone cavity forming tool when the tool is received within the bore to prevent

the tool from passing completely through the guide barrel bore.

41. (Currently Amended) The surgical drill guide assembly of claim 39, wherein the

handle further has having a locked position in which the handle is rotationally coupled to the

guide barrel, and an unlocked position in which the handle is freely rotatable with respect to the

guide barrel.

42. (Previously Presented) The surgical drill guide assembly of claim 41, further

comprising:

a locking button having an actuation end and a locking end, the locking

end having at least one radial projection, the button further having an unactuated position

and an actuated position;

the handle comprising a bore configured to slidably receive at least a portion of the

button, the bore further comprising a radial recess configured to receive the radial projection;

and

a handle extension having a handle engaging end and a guide barrel engaging end, the

handle engaging end having at least one radial groove configured to receive the radial

projection;

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wherein when the handle is in the unactuated position, the radial projection engages the radial recesses of the handle bore and the handle extension to configure the handle in the locked position.

- 43. (Previously Presented) The drill guide of claim 42, wherein when the handle is in the actuated position, the radial projection engages the radial recess of only one of the handle bore and the handle extension to configure the handle in the unlocked position.
- 44. (Currently Amended) The drill guide of claim 42, wherein the location post further comprises comprising a plate engaging end having a plurality of resilient fingers configured to axially lock the drill guide to the bone plate when the location post is engaged with the recess.
 - 45. (Cancelled)
 - 46. (Currently Amended) A drill guide assembly comprising:

a guide barrel having a tool receiving portion comprising a longitudinal bore having a bore axis, and an alignment assembly portion;

an alignment assembly comprising a guide barrel engaging portion, a housing and a location post having a post axis, wherein the housing and the guide barrel are monolithic,

a bone plate having at least two fastener receiving holes and a drill guide positioning recess, the recess configured to receive at least a portion of the location post, the drill guide positioning recess being separate and distinct from the fastener receiving holes, the drill guide positioning recess being sized and configured not to receive a fastener, the center of the drill

guide positioning recess being separated from the center of at least one of the fastener receiving

bone screw holes by a first distance,

wherein the bore axis is located a second distance from the location post axis as

measured between the distal ends of the guide barrel and the location post, the first and second

distances being substantially unequal so that when the location post engages the <u>drill guide</u>

positioning bone plate recess, the bore is not coaxial with the at least one fastener receiving

fixation hole; and

wherein the guide barrel further includes a distal plate-engaging end comprising a nose

portion configured to be received within one of the fastener receiving holes to align the

longitudinal bore with the fastener receiving hole prior to drilling a hole.

47. (Previously Presented) The drill guide assembly of claim 46, wherein the

difference between the first and second distances is from about 0 millimeters (mm) to about 0.8

mm.

48. (Previously Presented) The drill guide assembly of claim 46, wherein the second

distance is about 0.5 mm longer than the first distance.

49.-57. (Cancelled)

58. (Currently Amended) A drill guide comprising:

a guide barrel for receiving a bone tool for creating a hole in bone; and

an alignment assembly associated with the guide barrel for aligning the bone tool with a

selected first or second fastener hole of a bone plate, the alignment assembly comprising a

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location post having a longitudinal axis and configured to be at least partially received within a

recess in the bone plate;

wherein the location post is pivotable about the longitudinal axis and in the bone plate

recess to allow the guide barrel to be selectively aligned with the first and second fastener holes;

the alignment assembly further comprising a housing having a first axial bore configured to

slidably receive at least a portion of the location post; and

wherein the location post and housing further each comprising a distal end, the location

post having a retracted position in which the location post distal end is located a first distance

from the distal end of the housing, and an extended position in which the location post distal end

is located a second distance from the distal end of the housing, wherein the second length is

greater than the first length, the location post includes a plurality of slots extending from a distal

end thereof, the plurality of slots defining a plurality of resilient fingers so that insertion of the

resilient fingers in the recess of the bone plate compresses the resilient fingers within the recess

thereby axially locking the drill guide to the bone plate; and

wherein the alignment assembly further comprising a spring element disposed at least

partially within a second axial bore in the housing to bias the location post to the extended

position.

59. (Previously Presented) The drill guide of claim 58, the guide barrel further

comprising a bore with a bore axis, and a distal plate-engaging end, wherein the distal plate-

engaging end comprises a nose portion configured to be received within the first or second

fastener hole to align the bore with the bone screw hole.

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60. (Previously Presented) The drill guide of claim 59, wherein the nose portion comprises a conical shape.

61. (Previously Presented) The drill guide of claim 59, the housing first axial bore and the guide barrel bore forming an acute angle therebetween.

62. (Previously Presented) The drill guide of claim 58, wherein when the location post is received within the bone plate recess and the location post is in the extended position, the guide barrel distal end is located a first distance from the top surface of the bone plate.

63. (Previously Presented) The drill guide of claim 58, wherein when the location post is received within the bone plate recess and the location post is in the retracted position, the guide barrel distal end contacts the selected bone screw hole.